

Application No.: 09/823,940

Docket No.: 102374-0015

AMENDMENTS TO THE CLAIMS

This listing of the claims replace all prior versions, and listings, of claims in this application.

Listing of the Claims:

1. (Currently Amended) A method for providing telecommunications services, the method comprising the steps of:
 - generating a compiled representation of a textual description in a mark-up language of operations for performing a call feature or service,
 - instantiating a feature object embodying the compiled representation,
 - instantiating a context object that maintains information regarding a present state of the call feature or service, and that signals the feature object in regard to events occurring with respect to the call feature or service, and
 - the feature object responding to such signalling by effecting execution of one or more of the the operations in the compiled representation of the textual description in the mark-up language description.
2. (Currently Amended) A method according to claim 1, comprising instantiating the context object in response to a boundary event with respect to the call telecommunications service or feature.
3. (Original) A method according to claim 2, comprising instantiating the context object in response to an event indicative of any of call origination or call termination.
4. (Original) A method according to claim 1, comprising passing notification of at least selected events to the context object.
5. (Previously Presented) A method according to claim 4, responding with the context object to at least selected notifications by effecting, via the feature object, execution of further operations with respect to the call feature or service.

Application No.: 09/823,940

Docket No.: 102374-0015

6. (Original) A method according to claim 4, identifying as a boundary event an event notification of which does not result in the effecting of execution of further operations with respect to the call feature or service by the context object.
7. (Currently Amended) A method according to claim 1, comprising
instantiating the context object in response to a boundary event with respect to the call telecommunications service or feature, and
passing notification of at least selected events to the context object.
8. (Currently Amended) The method of claim 7, wherein the textual description defines a set of rules and actions for providing the call telecommunication service.
9. (Original) The method of claim 8, wherein the textual description defines a call policy associated with a subscriber.
10. (Currently Amended) The method of claim 1-10, wherein the event includes a call control event indicative of a signal received from an external device.
11. (Original) The method of claim 10, wherein the external device is a telecommunications switch.

Claims 12 – 23 (cancelled).

24. (Currently Amended) A method for providing telecommunications services, comprising the steps of:
providing a textual description in a mark-up language of a set of logic instructions describing a call telecommunications service,
parsing the textual description to generate a compiled representation of the logic instructions,
instantiating a feature object embodying the compiled representation,

Application No.: 09/823,940

Docket No.: 102374-0015

instantiating a context object in response to an event, the context object maintaining information regarding a present state of the call telecommunication service, the context object signalling the feature object to access the compiled representation and to effect execution of the call telecommunication service defined by the logic instructions.

25. (Currently Amended) The method of claim 24, wherein the call telecommunication service is any of a call, a call feature, and subscriber or feature administration.
26. (Currently Amended) The method of claim 24, wherein the event is a call progress event occurring with respect to the call telecommunication service.
27. (Previously Presented) The method of claim 24, wherein the feature context object maintains information regarding the present state of an on-going telecommunications service.
28. (Original) The method of claim 24, wherein the mark-up language is any of HTML, XML, or any extension thereof.

Claims 29 – 40. (Cancelled).

32. (Currently Amended) A telecommunications system, comprising:
 - a call control module that controls a call processing context associated with a subscriber, and
 - a call feature module in communication with the call control module, the call feature module accessing a compiled representation of textual description in a mark-up language of logic defining a call telecommunication service provided to a subscriber in response to an event to effect execution of the service ;
wherein the call feature module instantiates a feature context object that accesses the compiled representation to determine at least an action to be effected for providing the call service.

Application No.: 09/823,940

Docket No.: 102374-0015

33. (Original) The telecommunications system of claim 32, wherein the event is a call progress event provided by the call control module in response to a signal received with respect to status of an on-going telecommunication service.
34. (Original) The system of claim 33, wherein the on-going telecommunication service is an active telephone call.
35. (Original) The system of claim 33, wherein an external device generates the signal with respect to status of an on-going telecommunication service.
36. (Original) The system of claim 35, wherein the external device is a telecommunications switch.
37. (Original) The system of claim 32, further comprising a parser for receiving a textual description of logic defining a telecommunication service and generating a compiled representation therefrom.
38. (Original) The system of claim 37, wherein the telecommunications service is any of a call, a call feature, and subscriber or feature administration.
39. (Canceled)
40. (Original) The system of claim 37, wherein the compiled representation includes objects in a C++ programming environment.